

DPM 957

REC'D JUL 30 1987

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
 OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

JUN 1985

Required under USDL Safety and Health Regulations for Ship Repairing,
 Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME RICCA CHEMICAL COMPANY		EMERGENCY TELEPHONE NO. 817-461-5601
ADDRESS (Number, Street, City, State, and ZIP Code) 448 West Fork Drive, Arlington, Texas 76012		
CHEMICAL NAME AND SYNONYMS Sodium Hydroxide (Caustic Soda)		TRADE NAME AND SYNONYMS RCC Cat. No. 7290 (50% w/w)
CHEMICAL FAMILY Alkali	FORMULA NaOH	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		N/A	BASE METAL		N/A
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		↓
OTHERS		↓			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Sodium Hydroxide (w/w)				50	2mg/M ³

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Approx.	220°	SPECIFIC GRAVITY (H ₂ O=1)	1.53
VAPOR PRESSURE (mm Hg.)		-	PERCENT, VOLATILE BY VOLUME (%)	Approx. 50
VAPOR DENSITY (AIR=1)		-	EVAPORATION RATE (Water = 1)	Approx. 0.6
SOLUBILITY IN WATER		Infinite		
APPEARANCE AND ODOR				
Colorless, Odorless Liquid				

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	Lel	Uel
		none		
EXTINGUISHING MEDIA				
-				
SPECIAL FIRE FIGHTING PROCEDURES				
-				
UNUSUAL FIRE AND EXPLOSION HAZARDS				
-				

THE INFORMATION FURNISHED HEREIN IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST DATA CURRENTLY AVAILABLE TO US. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AND RICCA CHEMICAL COMPANY ASSUMES NO LEGAL RESPONSIBILITY OR LIABILITY RESULTING FROM ITS USE.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	2 mg/M ³
EFFECTS OF OVEREXPOSURE	Can cause serious injury despite medical treatment.
EMERGENCY AND FIRST AID PROCEDURES	
Irrigate affected area. Get medical help. Ingestion: dilute with water or milk, do not induce vomiting. Get medical help.	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
Normally	STABLE	X	Skin or Eye contact
INCOMPATIBILITY (Materials to avoid)			
Acids, Flammable Liquids, Organic Hallogens, Metals			
HAZARDOUS DECOMPOSITION PRODUCTS			
	MAY OCCUR		CONDITIONS TO AVOID
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Neutralize (6M-HCl) and mop up - or use water vac. Discharge to sewer with large excess of water.
WASTE DISPOSAL METHOD
Pour into large tank of water and neutralize. Transfer to sewer with large excess of water.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Rubber	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT	Laboratory coat	Large face shield

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Do not freeze
OTHER PRECAUTIONS
D.O.T.: "Sodium Hydroxide Solution", Corrosive Material,
Corrosive Label, UN1824